

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002674**Date Inspected:** 26-May-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	UT PJP of Deck Panels				

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mr. David Kelsey, arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

CWI Inspector: NA No welding observed

Orthotropic Box Girder (OBG) and Tower Fabrication:

The Caltrans QA Inspector performed ultrasonic inspection of deck plates DP588-001, DP564-001 and DP608-001 on 15% of partial penetration weld length. Note; ZPMC QC has not performed there UT inspection on the components at the time of this inspection. Excluding DP588-001 items tested by this Inspector do not comply with the project specifications. UT inspection report titled: "04-0120F4_6027MOD_B63_05-26-08_ZPMC" was submitted to the Jim Cochran for review.

Summary of Conversations:

None noted.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Patrick Lowry (858-344-2712), who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspected By:	Kelsey,David	Quality Assurance Inspector
----------------------	--------------	-----------------------------

Reviewed By:	Cochran,Jim	QA Reviewer
---------------------	-------------	-------------